

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF PUBLIC WORKS, TENDERS, ADVANCE INFORMATION AND MUNICIPAL PROGRESS EVERY SATURDAY

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THE CANADIAN CONTRACT RECORD,
A Weekly Journal of Public Works, Tenders, Advance Information and Municipal Progress.
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Information solicited from any part of the Dominion regarding contracts open to tender.

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 20 and 21, 1890, the Ontario Association of Architects signified its approval of the CANADIAN CONTRACT RECORD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, Oct. 20th and 21st, 1890: "Moved by St. Perreault, seconded by A. F. Dunlop, that the Architects of the Province of Quebec were assembled in Convention being satisfied that the CANADIAN CONTRACT RECORD affords us a direct communication with the Contractors, resolved, that we pledge our support to it by using its columns when calling for Tenders."

The publisher desires to ensure the regular and prompt delivery of this journal to every subscriber, and requests that any cause of complaint in this particular be reported at once to the office of publication. Subscribers who may change their address should also give prompt notice of same, and in doing so, should give both old and new address.

TO CONTRACTORS.

Tenders will be received at the office of the undersigned on or before 6 o'clock of the 9th Day of May next,

for the several works required in the erection of a FIRST-CLASS DWELLING in Hamilton.

The lowest or any tender not necessarily accepted.

JAMES BALFOUR, Architect,
47 James St. South, Hamilton

TORONTO JUNCTION.

TENDERS

will be received until MAY 3RD for all trades in completing Presbyterian Church corner of Annette and Medland Streets, by Knox & Elliott & J. W. Siddall, Architects, Toronto.

WANTED,

Situation as Foreman in Joinery, or Superintendent of Buildings; good knowledge of plans and details; good draughtsman; best of references. Address, CANADIAN CONTRACT RECORD, 14 King Street West, Toronto.

TENDERS

Will be received up to May 7th for the whole of trades except galvanized iron work required in the erection of a Store and Dwelling on Louisa Street, Toronto, for Messrs. Baird Bros.
Plans and specifications may be seen at 90 Lombard Street.



NOTICE TO CONTRACTORS.

Cedar Pavement of Roxboro Street.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to Eleven o'clock a.m. on TUESDAY, MAY 3RD, 1892, for the following pavement

On Roxboro Street, from Yonge Street westerly (cedar blocks on tarred board foundation).

Plans can be seen and forms of tender obtained on and after the 26th day of April, 1892, at the office of the City Engineer.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for under \$1,000, and 2 1/2 per cent. over that amount, must accompany each and every tender, otherwise it will not be entertained. All tenders must bear the bona fide signatures of the contractor and his sureties (see specifications), or they will be ruled out as informal.

The Committee do not bind themselves to accept the lowest or any tender.

JOHN SHAW,

Chairman Committee on Works,
Committee Room, Toronto, April 28th, 1892.

TO THE SEVERAL TRADES REQUIRED FOR ERECTING A

WOOD AND IRON PORCH

AND ALSO

TO PAINTERS and DECORATORS

For Painting and Decorating the Large Hall.

The Board of Management of the TORONTO PUBLIC LIBRARY are prepared to receive tenders for the following work, viz: For the erection of a Wood and Iron Porch to the front entrance of the Library on Church Street, and also for Painting, Kalsomining and Decorating the large hall and renovating the paintings on the walls and ceiling.

The specifications and plans may be seen and printed forms of tender obtained on application to the Architects, Messrs. Denison & King, 18-20 King Street West.

The tenders must be sealed, marked "Tender," addressed to the "Chairman of the Building and Finance Committee," and delivered at the Secretary's office, Public Library, corner of Church and Adelaide Streets, previous to 3 o'clock p.m. on MONDAY, 2ND MAY, 1892.

Each tender must be accompanied by an accepted bank cheque equal to five per cent. of the amount of the tender, payable to the order of the Toronto Public Library, in accordance with the specifications and conditions.

The lowest or any tender not necessarily accepted.

JOHN DAVY, Secretary, April 25, 1892.
J. J. CASSIDY, M.D., Chairman of Building and Finance Committee.

TENDERS WANTED.

Tenders will be received at the office of the undersigned until SATURDAY, MAY 7TH, 1892, for the several works necessary in alterations and additions to a Residence on St. Alban's Street. Plans may be seen at the office of the undersigned.

The lowest or any tender will not necessarily be accepted. Contractors will be required to furnish satisfactory evidence of their ability, financial and otherwise, to properly execute the work.

S. H. TOWNSEND, Architect,
53 King Street East.

CONTRACTS OPEN.

DUNDAS, ONT.—Mr. J. Wilson intends shortly to erect a dwelling

PICTON, ONT.—The sum of \$12,000 will be expended on improvements to the Methodist church.

PORT COLBORNE, ONT.—Extensive improvements are to be made to the Presbyterian church at this place.

TWEEB, ONT.—A survey is being made of the proposed railway to be constructed from this place to Mulroe

PORT ARTHUR, ONT.—Rev. Father Chartier wants tenders for the erection of a residence. W. R. Graham, architect.

CARLETON PLACE, ONT.—Tenders are wanted until May 7th for the erection of a new rectory. Dr. Preston, chairman.

WATERLOO, ONT.—The Ball Electric Light Company are asking for tenders for the erection of an electric light station.

ALLISTON, ONT.—Tenders are wanted until to-day (Saturday) for the construction of a system of water works for the town.

WALNERTON, ONT.—At a recent vestry meeting of St. Thomas church a committee was appointed to arrange for the erection of a rectory.

ORILLIA, ONT.—Tenders will be called shortly for the erection of the Hotel Couchiching. The building will cost \$12,000. J. G. Curry, president.

COLLINGWOOD, ONT.—The plans of the harbor improvements have been forwarded to Ottawa for approval. The Government engineers estimate the cost of the work at \$57,000.

LONDON, ONT.—Moore & Henry, architects, will receive tenders until Wednesday, the 4th May, for the erection of a brick store on Dundas street east to Mr. John Morman.

BRAMPTON, ONT.—P. McLeod, Secretary School Board, will receive tenders until the 7th May, for the erection of a school house on lot No. 31, Concession 2, Chinguacousy Township.

PRESBOTT, ONT.—The promoters of the grain elevator are looking for a suitable site.—It is stated that the erection of the new high school building will not be proceeded with before fall.

MONCTON, N. B.—D. Pottinger, Superintendent of Intercolonial Railway, will receive tenders until Monday, the 16th of May, for the supply of oil required by this company during one year from July 1st next.

NORTH BAY, ONT.—Mr. J. G. Cormack, Town Clerk, will receive tenders until Tuesday, the 17th of May, for the construction of a system of water works. Mr. John Galt, C. E., Canada Life Building, Toronto, will supervise the work.

BRETHEL, ONT.—Rev. C. C. Couzens will receive tenders until Thursday, May 5th, for the erection of a brick Methodist church at Lot 15, Concession 4, Warwick, plans for which have been prepared by Mr. M. L. Buffy, architect, London.

DORCHESTER, N. B. Messrs. Palmer, Chapman, Hickman, Wilbur and Smith are the promoters of a new hotel to be erected on the site of the present Dorchester Hotel. The building will be three stories high, and will cost in the neighborhood of \$18,000.

BUSINESS CORRESPONDENCE

The undersigned is prepared to do SHORT-HAND, TYPEWRITING and GENERAL CORRESPONDENCE.

Would be pleased to wait upon Architects, Builders, etc., requiring work of this description.

Neatness and accuracy guaranteed.
Testimonials furnished. Terms, reasonable.

DAVID PHILLIPS,

123 Borden Street, Toronto.

CHARACTERISTICS OF WOOD.

Good wood is elastic, tenacious and solid, and emits a sonorous sound when struck. It cuts clean with the saw, and is bright in color and has a silky lustre when planed. Diseased wood, on the other hand emits a dull sound when struck, leaves a waxy edge when saw cut and is dull and flat after the plane. Unfortunately now that so much of our timber has been cut, much that formerly was passed by as inferior is now resorted to by the lumberman. Trees are cut up for lumber which are either diseased or have been subjected to adverse circumstances and in many cases are partly dead. When from disease of the sap a portion of a tree becomes dead, the fibres lose flexibility and strength and are easily subjected to rot and decay. Among other diseases of the sap is that called plethora which by reason of the over-abundance and irregular supply of sap causes the fibre of the wood to be of unequal texture and consequently untrustworthy for constructional purposes. The action of frost frequently causes defects in the wood hindering the transformation of the albumin into solid wood, causing division of the concentric rings and producing shakes. When growing timber has been subjected to alterations of strong frosts and thaws, the wood is often part alive and part dead and with small clefts. Twisted fibres, caused by the mechanical action of the wind on growing trees, renders much wood unfit for transverse strains. If a tree be grown in swampy ground, the continual saturation of the roots does not give the sap those essential qualities necessary for the production of good strong wood. Generally speaking, the woods grown in good soil, where there is not much moisture are the best. Trees growing in the open or at the edge of a wood, where the influences of sun and wind are most felt, usually furnish better timber than those growing in the dense forests. The heaviest wood is usually the strongest of its kind.

SARNIA, ONT.—Plans are now being prepared for a new hotel to be erected on the corner of Palmerston and Green streets, north of the station. It will be a frame building on a stone foundation, 56x72 feet, two and a half stories and basement, and will contain accommodation for fifty guests. The building will cost in the neighborhood of \$6,000.

SAULT STE MARIE, ONT.—The Ontario and Sault Ste Marie Water, Light and Power Company want tenders until Thursday, May 19th, for excavation, masonry, concrete, timber, iron, dredging, etc., necessary in the construction of Sault Ste Marie water power canal. Plans to be seen at the office of Mr. John A. Wilde, Resident Engineer.

BRANDON, MAN.—Mr R Hall of Whitehead is going to erect a handsome residence here.—Tenders are wanted until the 10th May for trenching and laying pipes for the water works and sewerage systems. Particulars can be obtained from Mr. J. C. Kerr, City Clerk, this town, or Mr. Thos. Worwick, Consulting Engineer, Toronto, Ont.

HAMILTON, ONT.—Building permits have been granted as follows: L. D. Cahill, additions to dwelling at the corner of Emerald and Stinson streets, cost \$800; Corporation of the city of Hamilton, brick building for a maternity hospital, cost \$2,300; C. Gurney one two-storey brick dwelling on Belmont avenue, cost \$3,500.—Mr. Stewart, architect has been engaged to prepare plans for a bank building to be erected at Alliston for the Bank of Hamilton.

BROCKVILLE, ONT.—Hon. Mr. Fraser, Commissioner of Public Works for Ontario, was in town recently in connection with the selection of a site for the insane asylum. He states that the contract will be awarded as soon as the site is decided upon. The total cost of the proposed buildings will be in the neighborhood of \$250,000.—St. Paul's Church is to be improved by the addition of a chancel, new seats stained glass windows, etc. R. Gambier-Bousfield, architect, Toronto, will have charge of the work.

OTTAWA, ONT.—Mr. John Davis is erecting a new brick residence on Clarence street.—The Electric Railway Company has purchased property adjoining their sheds on Albert street, and will erect buildings thereon during the coming summer.—Messrs. Kivas Tully and David Blain, of Toronto, held an interview recently with the Hon. Mr. Abbott, regarding the subsidy for the Huronian ship railway scheme. They advocated the construction of a 20-foot canal nine miles long, from the Georgian Bay to Lake Simcoe, as the initial step.

KINGSTON, ONT.—Mr. Arthur Lills, architect, will receive tenders until Monday, May 2nd, for the supplying of all materials and the construction of an asphalt bicycle track for the Kingston Amateur Athletic Association.—The following sums will be spent on public buildings in this city during the present year: Public school, \$20,000; collegiate institute, \$24,000; Regiopolis college, \$50,000; military college, \$10,000.—Tenders will be received by the Superior, Hotel Dieu, until May 7th, for the several trades required in making alterations to the Regiopolis building for the sisters of the Hotel Dieu. Mr. W. Newlands, architect, will have charge of the work.

WINNIPEG, MAN.—The Bank of British North America has purchased a site on Main street on which to erect a large block during the coming summer.—Mr. Jas. Burridge intends to erect a residence on George street.—Mr. C. H. Wheeler, architect, is preparing the plans for the addition to the general hospital.—Work will soon be commenced on the new Baptist church to be erected on the corner of Cumberland and Hargrave streets. The cost of this building will be about \$40,000.—The addition to the court house will be started in about a month's time, and it is the intention of the Government to expend about \$50,000 on this work.—Mr. Pettigrew will build a residence on the corner of York and Hargrave streets, which will cost in the neighborhood of \$4,000.—Mr. John Galt will erect a fine residence on River avenue. Operations will commence in a few weeks.—The sum of \$25,000 will be expended this year on the new North Central school.—Mr. T. Rutherford contemplates erecting a building on the corner of Nellie and Bal-

mond streets during the coming summer.—W. H. Thompson will build a residence on Assiniboine street, to cost about \$4,500. The H. B. Co. intend remodelling their land and northern department buildings immediately. The changes will cost several thousand dollars.

TORONTO, ONT.—The Markets and License Committee have decided to ask the City Council for an appropriation of \$10,000 for the extension of the cattle market.—Geo. M. Miller, architect, 1 Queen St. east, wants tenders until May 3rd for the erection of a pair of houses on Carlton street.—The City Council have decided to purchase the block of land on the lake shore situated between Port Credit and Long Branch for a rifle range. The sum of \$12,000 will be expended for equipment, including trenches, drains, buildings for storing materials, etc.—The Medical Health Officer has been instructed to report on the best means of putting the west end of Ashbridge's Bay in a sanitary condition.—The Fire and Light Committee want an appropriation of \$5,275 for preparing the towers and placing illuminating clocks in the Ossington avenue, Cowan avenue, and Bolton avenue fire halls.—The promoters of the Mimico electric railway will receive tenders until noon on Wednesday, May 4th, for the erection of their power house at the Humber. Plans at County Engineer's office, Court House.—The following building permits have been granted: Edward Trout and Thomas Todd, 3-storey bk. add. rear 72 Church st. cost \$7,000, Wm. Belshaw, three att. 2-storey & attic bk. dwellings, n. w. cor. Euclid ave. and Lennox st., cost \$13,000; Beard estate, 7-storey and basement bk. and stone bank, office and hotel, s. e. cor. Jarvis and King sts, cost \$60,000, Home Savings Co., 3-storey bk. add. and alterations to office 78 Church st., cost \$7,500, Geo. Gibling, det. 2-storey bk. dwelling, n. side Victor ave. opp. De Grassi st., cost \$2,000, John Poucher, three att. 2-storey & attic bk. dwellings, w. side Gifford st., cost \$7,000.

MONTREAL, QUE.—A petition has been drawn up by the councillors of St. Henri asking the Grand Trunk Railway company to erect a new depot at that place.—Plans are invited by the ladies of the Montreal Protestant Orphan Asylum for a new building to be erected on the northwest corner of Summerhill avenue and the Cote des Neiges road.—Mr. J. H. R. Molson has donated \$3,000 to the Protestant Hospital for the Insane, to be used in the erection of a pavilion.—The Montreal Water and Power Company have had plans prepared for the utilizing of the water power at the Back river.—A. Gosselin, Assistant City Clerk, will receive tenders until Tuesday, the 14th of May next, for the privilege to construct and operate electric railways on various streets throughout the city.—The City Surveyor has given notice of the intention of the Council to construct sewers on the following streets: Stadacona street, from St. Germain street to Prefontaine street; Prefontaine street, from Stadacona street to Ontario street, Ontario street, from Prefontaine street to the Canadian Pacific Railway.—The congregation of Erskine church will meet on Wednesday next to consider the plans for alterations to their church. Mr. A. C. Hutchison, architect, has prepared four sets of plans, the cost of execution ranging from \$7,500 to \$55,000.—The Fire and Light Committee have decided to ask the City Council for an appropriation of \$15,000 to erect a new public station in St. Lawrence ward, and \$10,000 for a new station in Hochelaga.—At a vestry meeting of St. Matthias' church, Cote St. Antoine, held recently, a committee was appointed to proceed with the erection of a new church.—The Montreal Land and Improvement Company are applying for incorporation with a capital of \$300,000. The company propose to construct docks, warehouses and elevators.—L. R. Montbrant, architect, is preparing plans for six dwellings, corner Wellington and Liverpool streets for Mr. Mercier two houses on St. Herbert street for Mr. G. B. Demars, and extensive alterations to Mr. Beuchant's residence.

FIRES.

James Thompson's saw mill near Lynden, Ont., was destroyed by fire recently. Loss, \$6,000, no insurance.—Mr. S. J. Brooks' dwelling and general store at Campbellford, Ont., were burned on the 23rd inst. Loss, \$2,000.—The residence of P. Thompson, College street,

Toronto, and the Lansdowne Hall adjoining, were badly damaged by fire on Monday last.—The grist mill of Messrs. Bentz & Pitalke at Eganville, Ont., was destroyed by fire on the 20th inst. Loss, \$10,000, insurance \$6,000.—The following buildings in Casselman, Ont., were destroyed by fire recently: Gilbert Pierre's grocery, Alexander Pilon & Bros.' general store, F. Amyotte's blacksmith shop, M. Boudreault's blacksmith and carriage shop, M. Jolie's carriage shop, and some private dwellings.—The Baptist church and Temperance Hall at Doaktown, N. B., were destroyed by fire on the 25th inst.—The residence of Mr. J. B. Fick, at Port Rowan, Ont., was destroyed by fire on Tuesday last.—Messrs. Bowman & Zinkan's tannery at Southampton, Ont. was totally destroyed by fire on the 28th inst. Loss, \$25,000; insurance, \$8,000.—The Commercial Hotel at Listowel, Ont., was totally destroyed by fire on the 26th inst. The building was insured for \$2,650, which will almost cover the loss.—The residence of Mr. J. W. Knowles at Rockwood, Ont., was burned on Wednesday last. Loss, \$2,500; insurance, \$1,600.—Quickfall's saw and chopping mill at Glenallan, Ont., was burned to the ground on the 26th inst. Loss between \$10,000 and \$12,000, no insurance.—A. Morrison's residence at Petrolia, Ont., was burned on Tuesday last. Loss, \$1,200.

CONTRACTS AWARDED.

TORONTO, ONT.—Messrs. Medler & Arnott have secured the contract for the construction of a wharf at the eastern end of the Island, at the price of \$1,993.

MONTREAL, QUE.—The contract for the wood work of the College of Philosophy in connection with the Grand Seminary of Cote des Neiges, has been awarded to Parquette & Godbout, the amount of their tender being \$59,000.

KINGSTON, ONT.—Mr. C. Maund has accepted the following tenders for the erection of a residence on William street: Masonry, J. C. Mitchell carpentry, Barber & Johnston; painting, Robinson Bros.; hot water heating, McKelvey & Birch; plumbing, J. Jamieson, tinsmithing, Nugent & Taylor.

HAMILTON, ONT.—The contract for dredging the harbor at this place has been awarded to Mr. T. B. McNamee, of Montreal.—The Hospital Committee have accepted the following tenders for the erection of the maternity hospital: Masonry and brickwork, Alfred F. Webber, \$857; carpenter work, James Purvis, \$907; tithing and plastering, James McKee, \$103; unwork, John L. Riddell, \$47; painting and glazing, F. W. Kirk, \$113; plumbing and gasfitting, Wm. Farmer, \$185.

MIXTURES FOR THE REMOVAL OF STAINS, ETC.

In chemical works it is no uncommon occurrence for one's hands to become so soiled with the various well defined and separate nastinesses to be found there as to be quite insusceptible of cleaning by ordinary soap or soap powder. One of two chemists, of our acquaintance, the *Chemical Trade Journal* says, use a mixture under these circumstances which we publish for the benefit of those of our readers who care to try it. Take about two or three grammes of bleaching powder, the same quantity of soda ash, and about twice their bulk of sawdust. Completely saturate these with caustic soda liquor, say, 10 or 15 Twaddell, and quickly rub over the hands. As soon as the desired effect is produced, rinse the hands with hot water. It is occasionally necessary to repeat the process, but, as a rule, one application suffices to make the hands perfectly clean. There is an odor of bleaching powder perceptible from hands thus treated, to which some may object, but this may be destroyed, and the appearance of the hands still further improved by rubbing them over with a little sulphurous acid solution, or by rubbing first with a solution of sulphite or hyposulphite of soda, or sulphite of ammonia, and, while still wet from this, rubbing over with very dilute hydrochloric acid. The hands should be well washed with water, and a little ten per cent. glycerine rubbed in to keep them soft. Nitric acid stains on the hands still appear to defy all comers, except pumice stone, but inks and organic stains may—in the absence of bleaching powder—be generally removed by a mixture of chlorate of potash and hydrochloric acid.

MUNICIPAL DEPARTMENT.

NEW BUILDING LAW FOR NEW YORK.

Among the most important provisions of the bill are the following:—

Every building constructed or altered for a hotel, tenement house or lodging house must have the first story above the cellar absolutely fireproof. The stairway from the cellar to this first floor must be inclosed in brick walls and provided with a self-closing iron door at the bottom. It must also be at the rear of the stairway leading to the upper stories. All stairs and halls in the centre of the building must have a fireproof hallway leading from them to the street. Within six months all hotels must have at least one continuous line of stair-cases from top to bottom, inclosed in brick walls and giving a direct exit to the street. The same time is allowed the hotels to inclose all their elevators in brick walls, and the superintendent of buildings may require all elevator shafts to be inclosed, and to be provided with trap doors, to be kept closed when not in use. The law is to go into operation in thirty days after its passage.

This movement is a direct outcome of the terrible fire in the Hotel Royal, and is framed in the light of the lessons so severely taught by that disaster.

TESTS FOR THE PURITY OF WATER.

The apparatus used in testing the purity of water is simple and cheap. First procure a dozen test tubes, about 4 in. or 5 in. long, and 1 in. wide at the top. Next, a glass rod, about 6 in. long, for stirring, and also a small pipette. This may be made by heating a piece of glass tube in the flame of a spirit lamp, and when it gets hot enough draw it out in opposite directions. When it is cool the ends may be broken away to any desired aperture. Then get a few (say three or four) glass beakers, and this is all the apparatus needed to detect the ordinary impurities of water. Now for the test solutions. They are made thus: 1. Ammonium oxalate, 10 grains, distilled water, 2 drachms. 2. Barium chloride, 8 grains, distilled water, 2 drachms. 3. Potassium ferrocyanide, 12 grains; distilled water, 1 1/2 drachms. 4. Lead acetate, 11 grains; distilled water, 1 drachm. 5. Nitrate of silver, 4 grains, distilled water, 1 drachm. 6. Potassium chromate, 5 grains; distilled water, 1 drachm. 7. Lime water. Lime water is made by steeping a lump of unslacked lime in distilled water, shaking well, and letting it stand for eight or ten hours. Then decant the liquid and filter it, the clear solution, which passes through is lime water. These solutions are quite strong enough for ordinary use. Having prepared the seven foregoing solutions, let us proceed to use them. Taking any sample of water, let us pour a little into each of the test tubes. To the first tube add a little of solution 3; if there is a blue precipitate, it shows the presence of iron. To the second, add some No. 4; if there is a milky precipitate, it shows the presence of ammonium carbonate. To the third, add some of No. 2, if this gives a milky precipitate, it shows the presence of a sulphate. This is usually a sulphate of lime; for if some of No. 1 be added, and a milky precipitate is given, there must be lime present. If some of No. 6 be added, it gives a light yellow precipitate if lead be present. No. 5 gives a milky precipitate if a chloride be present; this chloride is usually chloride of sodium, that is—common salt. It may also be calcium, chloride of lime (that is calcium oxide) was shown to be present by test 1. Chalk (that is carbonate of lime) can also be shown to exist in water, for carbonic acid gives a milky precipitate on the addition of lime water, and lime was shown to be present by No. 1. The pipette is used to take up the test solution in drops. To do this it is only necessary to put the small end into the liquid for the distance of about 1/4 in.; then press the finger on the open end and draw it out; place the nar-

MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS.

row end into the liquid to be tested, and any effects may be noted. Be careful to keep all the apparatus clean, and get the chemicals pure. The water may be distilled twice, as it will then be purer. *Plumber and Decorator.*

LEGAL DECISIONS AFFECTING MUNICIPALITIES.

An important case has just been decided at Three Rivers, Quebec. In 1886 the corporation granted a bonus of \$20,000 to the firm of Hall, Nelson & Co. for the erection in that city of saw mills, box factory, etc., on certain conditions, and as guarantee the corporation took a mortgage on the establishments, which mortgage was to be cancelled after four years if all the conditions had been well fulfilled. The question raised in the case was whether the by-law had been complied with. The court decided that it had and ordered the mortgage to be cancelled in favor of the Banque du Peuple, which has a subsequent mortgage on the establishment.

The German Minister of Education advises that school-houses should be aired after night where it can be done with safety; where it cannot, he recommends that the windows be left open from four o'clock in the morning until school time, and left open after school closes until dusk. He insists that the schools should be thus thoroughly aired every day.

Established 1841.

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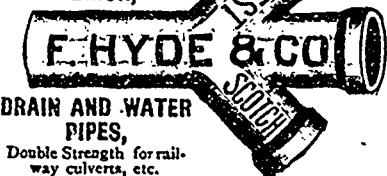
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MUNICIPAL Officers, Contractors and others are requested to mention the CONTRACT RECORD in correspondence with advertisers.

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Double Strength Railway Culvert Pipes, Inverts, Vents, AND ALL KINDS OF FIRE CLAY GOODS.

Prices of Building Materials.

LUMBER.	CAN OR CARGO LOTS.		Toronto.		Montreal.	
	\$	¢	\$	¢	\$	¢
1 1/2 to 2 clear picks, Am ins	30.00	32.00	40.00	45.00		
1 1/2 to 2 three uppers, Am ins	37.00		40.00	45.00		
1 1/2 to 2 pickings, Am ins	27.00		27.00	30.00		
3 inch clear			52.50	60.00		
1 x 10 and 12 dressing and better	18.00	20.00	18.00	20.00		
1 x 10 and 12 mill run	13.00	14.00	13.00	14.00		
1 x 10 and 12 dressing	14.00	16.00	14.00	16.00		
1 x 10 and 12 common	12.00	13.00	8.00	10.00		
1 x 10 and 12 spruce culls	10.00	11.00	10.00	11.00		
1 x 10 and 12 maple culls		9.00		9.00		
1 inch clear and pickings	28.00	30.00	33.00	35.00		
1 inch dressing and better	18.00	20.00	18.00	20.00		
1 inch siding, mill run	14.00	16.00	14.00	16.00		
1 inch siding, common	11.00	12.00	12.00	14.00		
1 inch siding, ship culls	10.00	11.00	10.00	11.00		
1 inch siding, mill culls	8.00	9.00	8.00	9.00		
Cull scantling	8.00	9.00	8.00	9.00		
1 1/2 and thicker cutting up plank	22.00	25.00	22.00	25.00		
1 inch strips, 4 in. to 8 in. mill run	14.00	15.00	14.00	15.00		
1 inch strips, common	13.00	14.00	13.00	14.00		
1 1/2 inch flooring	14.00	15.00	14.00	15.00		
1 1/4 inch flooring	14.00	15.00	14.00	15.00		
XXX shingles, sawn, per M						
16 in.	2.30	2.35	2.30	2.35		
XX shingles, sawn	1.30	1.35	1.30	1.35		
YARD QUOTATIONS.						
Mill cull boards and scantling						
Shipping cull boards, pro		10.00		10.00		
miscouswidths		13.00		13.00		
Shipping cull boards, stocks		16.00		16.00		
Hemlock scantling and joist up to 16 ft.	11.00	12.00		10.00		
Hemlock scantling and joist up to 18 ft.	12.00	13.00	12.00	13.00		
Hemlock scantling and joist up to 20 ft.	13.00	14.00	13.00	14.00		
Scantling and joist, up to 16 ft.		14.00		14.00		
" " 18 ft.		15.00		15.00		
" " 20 ft.		16.00		16.00		
" " 22 ft.		17.00		17.00		
" " 24 ft.		19.00		19.00		
" " 26 ft.		21.00		21.00		
" " 28 ft.		23.00		23.00		
" " 30 ft.		25.00		25.00		
" " 32 ft.		27.00		27.00		
" " 34 ft.		29.00		29.00		
" " 36 ft.		31.00		31.00		
" " 38 ft.		33.00		33.00		
" " 40 to 44 ft.		35.00		35.00		

